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**ITE** has administrative headquarters north and south, and the geographical distribution of its 250 staff in six Research Stations throughout Britain allows efficient use of resources for regional studies and provides an understanding of local ecological and land use characteristics.

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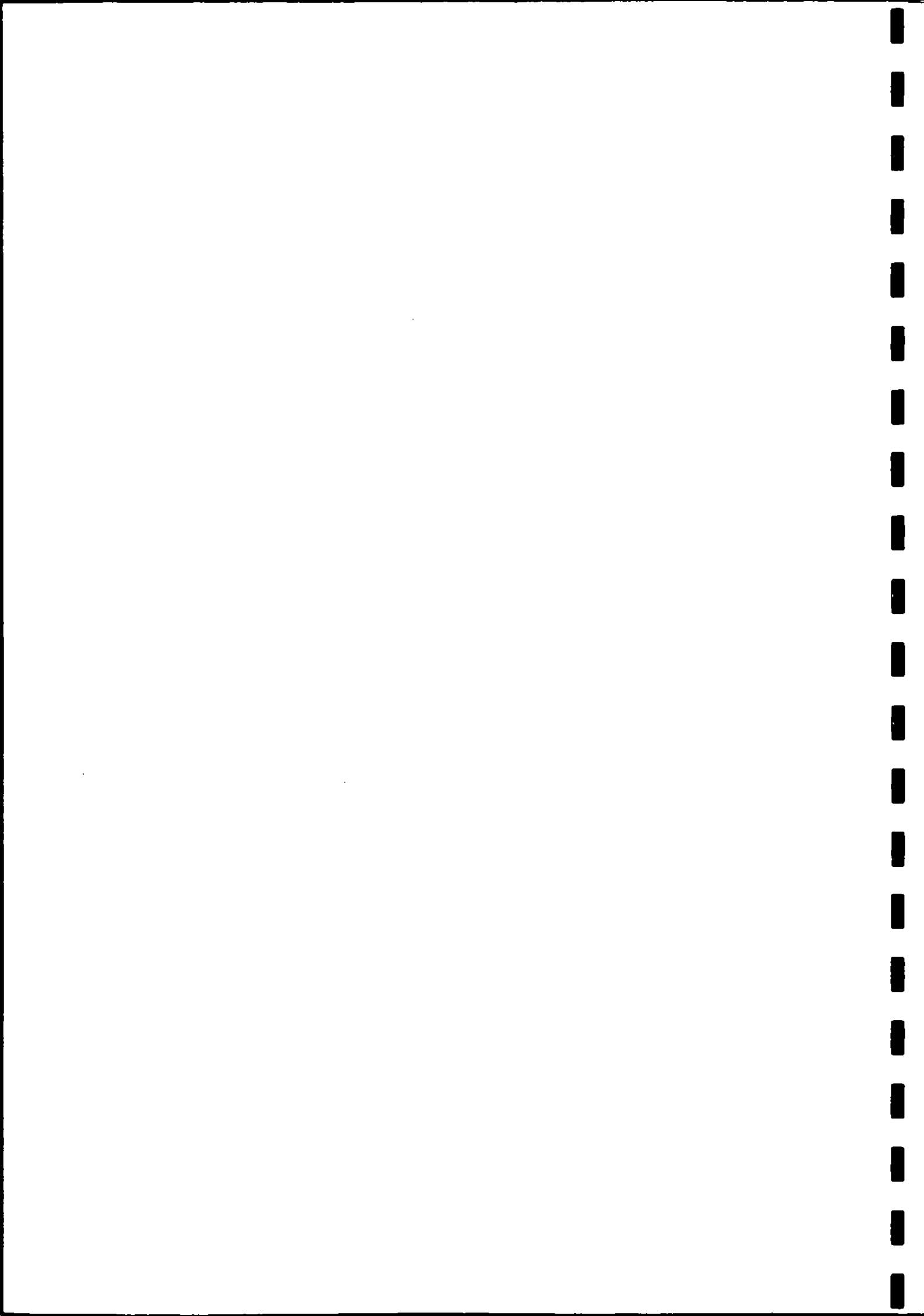
**Project No T02071j1**

**ITE Land Classification for the  
county of Bedfordshire**

**D C Howard and R G H Bunce**

**Merlewood Research Station  
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**August 1993**



## Land Use Research Group

### ITE Land Classification for Bedfordshire

The following table holds the land class of each square in Bedfordshire. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. Bedfordshire occupies part of four 100 kilometre (km) squares, SP, SU, TL, and TQ. In terms of a 1 km grid, square SP starts with easting 400 and northing 200, SU with 400 and 100, TL with 500 and 200, and TQ with 500 and 100 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg SP1234 becomes 412 234 (SP is 400, 200 so 400+12 and 200+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

### References

- Barr, C.J. (1990) Mapping the changing face of Britain. Geographic magazine October 1990.
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- Bunce, R.G.H., Howard, D.C., Hallam, C.J., Barr, C.J. and Benefield, C.B. (1992). The ecological consequences of land use change. Report to the Department of the Environment.
- Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual. Ordnance Survey: Southampton.

East	North	LC	East	North	LC	East	North	LC
482	243	11	483	236	11	484	228	11
482	244	11	483	237	11	484	229	3
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483	221	3	484	213	1	485	206	2
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483	223	3	484	215	1	485	208	1
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483	234	11	484	226	11	485	219	1
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East	North	LC	East	North	LC	East	North	LC
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East	North	LC	East	North	LC	East	North	LC
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495	184	2	496	215	2	498	203	2
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495	248	11	497	215	2	500	181	1

East	North	LC	East	North	LC
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502	198	2			
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503	178	1			
503	179	1			
503	180	1			
503	181	2			

East	North	LC	East	North	LC	East	North	LC
459	215	1	464	221	1	466	213	1
459	236	11	464	222	1	466	214	2
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460	238	11	464	229	11	466	220	1
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461	211	1	464	231	11	466	222	1
461	212	1	464	232	11	466	223	1
461	213	2	464	235	11	466	224	1
461	214	1	464	236	11	466	225	11
461	215	1	464	237	11	466	226	11
461	235	11	464	238	11	466	227	11
461	236	11	464	239	11	466	228	11
461	237	11	464	240	11	466	229	11
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464	211	2	466	207	1	467	233	11
464	212	1	466	208	1	467	234	11
464	213	1	466	209	1	467	235	11
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464	219	1	466	211	1	467	237	11
464	220	1	466	212	1	467	238	11

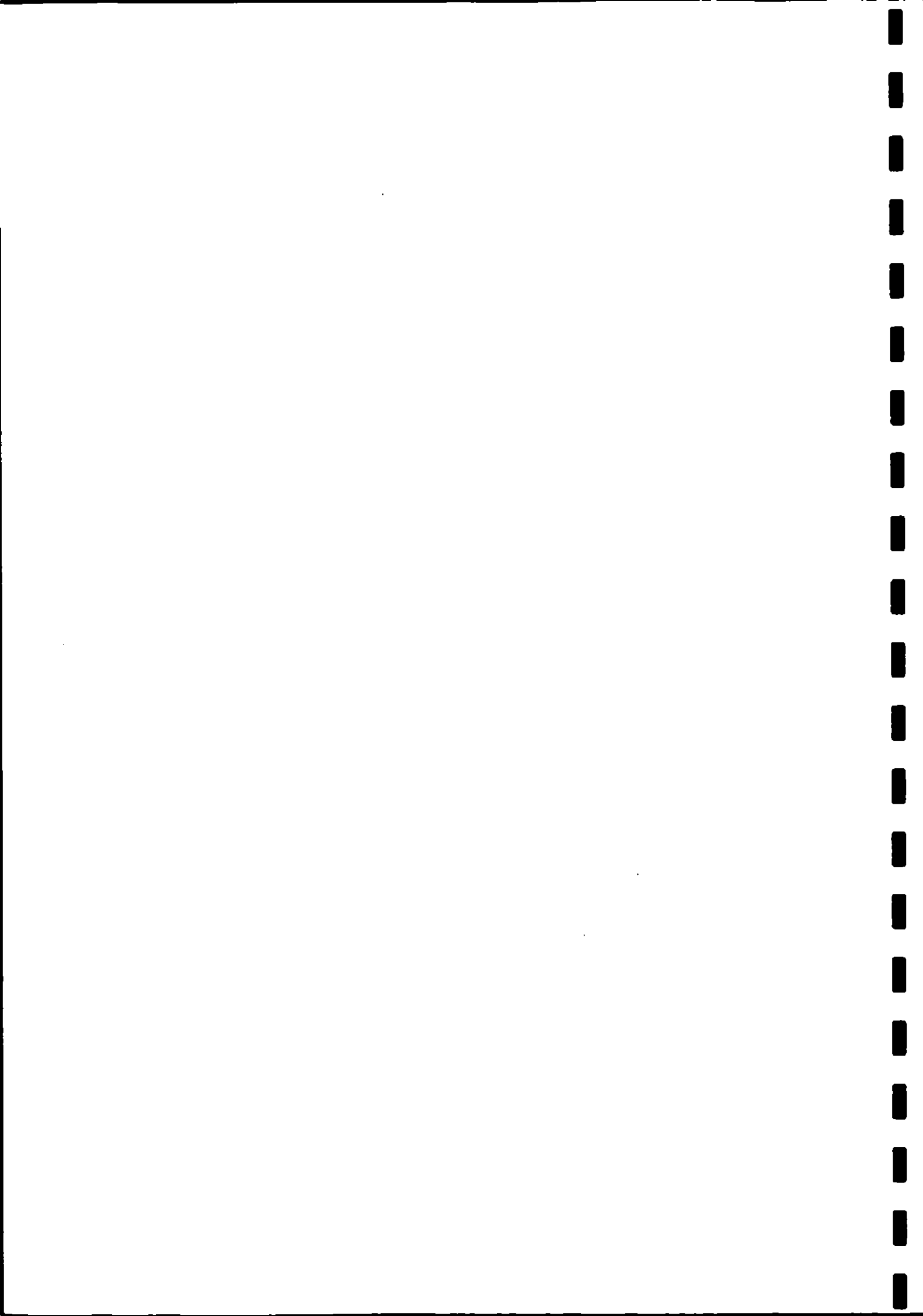
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468	213	1	469	238	11	471	228	11
468	214	2	469	239	11	471	229	11
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468	224	1	470	214	1	471	239	11
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469	224	1	471	214	1	472	238	11
469	225	11	471	215	2	472	239	11
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469	227	11	471	217	1	472	241	11
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East	North	LC	East	North	LC	East	North	LC
473	190	2	474	220	1	475	234	11
473	192	2	474	221	1	475	235	11
473	194	2	474	222	2	475	236	11
473	195	2	474	223	1	476	184	2
473	207	1	474	224	1	476	185	2
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473	216	2	474	233	11	476	194	2
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473	218	2	474	235	11	476	196	2
473	219	2	474	236	11	476	203	1
473	220	1	474	237	11	476	204	1
473	221	2	475	185	2	476	205	1
473	222	1	475	186	2	476	206	1
473	223	1	475	187	2	476	207	1
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473	225	11	475	189	2	476	209	1
473	226	1	475	190	2	476	210	1
473	227	1	475	191	2	476	211	1
473	228	11	475	192	2	476	212	4
473	229	11	475	193	2	476	213	1
473	230	11	475	194	2	476	214	1
473	231	11	475	195	2	476	215	1
473	232	11	475	196	2	476	216	1
473	233	11	475	197	2	476	217	1
473	234	11	475	205	1	476	218	1
473	235	11	475	206	1	476	219	1
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473	238	11	475	209	1	476	222	1
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East	North	LC	East	North	LC	East	North	LC
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477	196	2	478	201	2	479	200	2
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478	196	2	479	195	2	480	192	2
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East	North	LC	East	North	LC	East	North	LC
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